

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"4193776"	USPAT	OR	OFF	2006/04/05 12:26
S2	11	condensate with "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:22
S3	10244	steam with reform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:23
S4	395	steam with reform\$4 with condens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:23
S5	0	steam with reform\$4 with condens\$4 with "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:24
S6	1	steam with reform\$4 with condens\$4 same "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:24
S7	1	(steam with reform\$4) same condens\$4 same "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:24
S8	4	(steam same reform \$4) same condens\$4 same "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:26
S9	149	(steam same reform \$4) same condens\$4 same drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 11:41
S10	142528	(mak\$4 or produc\$4 or generat\$4 or recycl\$4) with steam	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 15:12
S11	5293	(mak\$4 or produc\$4 or generat\$4 or recycl\$4) with steam with condensate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 15:12

S12	952	(mak\$4 or produc\$4 or generat\$4 or recycl\$4) with steam with condensate with boiler	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 15:40
S14	9	steam with reform\$4 with hydrocarbon with drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 15:53
S15	500	(steam with reform\$4 with hydrocarbon) and drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 16:03
S16	290	(steam with reform\$4 with hydrocarbon) with (heat with exchange\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 16:03
S17	25	(steam with reform\$4 with hydrocarbon) with (heat with exchange\$4) and drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 16:25
S18	61	(steam with reform\$4 with hydrocarbon) with (heat with exchange\$4) and (steam with recyl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 16:33
S19	2091	steam near2 recyl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 16:33
S20	241	steam near2 recyl\$4 with hydrocarbon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 17:00
S21	1460	steam with condens\$4 with recyl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 17:01
S22	137	steam with condens\$4 with recyl\$4 with hydrocarbon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 17:10
S23	25	(heat with exchange\$4) same (condensat\$4 with recyl\$4) same (steam with reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:19

S24	4	(heat with exchang\$4) same (condensat\$4) with recylc\$4) same (steam with reform\$4) same (heat near2 condensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:29
S25	262	(recycl\$5 with heat near2 condensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:31
S26	0	(recycl\$5 with heat near2 condensat\$4) with steam near2 reform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:32
S27	0	(recycl\$5 with heat near2 condensat\$4) with (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:32
S28	0	(recycl\$5 with heat near2 condensat\$4) same (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:32
S29	5	(recycl\$5 with heat with condensat\$4) same (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 18:32
S30	20	(strip\$4 near2 tower) with (condensat\$4 near3 (collect\$4 or recycl\$4 or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:00
S31	5056	(external or export\$4 or purg\$4) near3 steam	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:00
S32	0	(external or export\$4 or purg\$4) near3 steam with recylc	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:00
S33	70	(external or export\$4 or purg\$4) near3 steam with recylc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:19
S34	1205	(plate with frame with heat with exchang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:19

S35	689	(plate near3 frame with heat with exchange\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:19
S36	685	(plate near3 frame with heat near3 exchange\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:20
S37	685	(plate near3 frame with heat near3 exchange\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:21
S38	3	(plate near3 frame with heat near3 exchange\$4) same hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 12:22
S39	4	(plate near3 frame with heat near3 exchange\$4) same hydrocarbon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:10
S40	0	marrella-vincenzo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:12
S41	0	francis-alfred.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:11
S42	0	francis-alfred.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:12
S43	1	"20050288381"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:12
S44	1	marrella-vincenzo-salvatore.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:12
S45	0	francis-alfred-joseph.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:13
S46	1	francis-alfred-joseph-II.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:13

S47	4	fenner-gary-wayne.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 13:13
S48	1108	"423"/\$.ccls. and steam with combin\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/10 17:03
S49	1677	"423"/\$.ccls. and steam with combin\$5	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/11 13:25
S50	12	"423"/\$.ccls. and steam with combin\$5 with contaminat\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/10 17:34
S51	83	"423"/\$.ccls. and (steam with reform\$4) same ((recycd\$4 or reus \$4 or combin\$4) with (condensate or waste))	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/11 12:15
S52	6	("4000987" or "4000988" or "4142962" or "4985231" or "5004592" or "5026536").pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/11 12:16
S53	1260	"423"/\$.ccls. and steam with (recycd\$4 or reus\$4)	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2006/10/11 13:26
S54	1	"20050288381"	US-PGPUB	OR	OFF	2006/10/11 19:39
S55	1	"4193776".pn.	USPAT	OR	OFF	2009/04/28 13:41
S56	917	423/651.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/04/28 13:42
S57	293	423/648.1,651.ccls. and condens\$6 and steam	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 17:55
S58	912	423/648.1,651.ccls. and steam	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 17:56

S59	1	Marrella-Vincenzo-Salvatore.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 19:41
S60	1	Francis-Alfred-Joseph- II.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 19:42
S61	5	Fenner-Gary-Wayne.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 19:42
S62	13	condensate with "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 19:55
S63	558	steam with reform\$4 with condens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 19:55
S64	0	steam with reform\$4 with condens\$4 with "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:18
S65	1	steam with reform\$4 with condens\$4 same "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:18
S66	4	(steam same reform \$4) same condens\$4 same "collection drum"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:18
S67	162	(steam same reform \$4) same condens\$4 same drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:18
S68	1056	(mak\$4 or produc\$4 or generat\$4 or recycl\$4) with steam with condensate with boiler	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:21
S69	9	steam with reform\$4 with hydrocarbon with drum	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:21
S70	369	(steam with reform\$4 with hydrocarbon) with (heat with exchang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:22

S71	84	(steam with reform\$4 with hydrocarbon) with (heat with exchang\$4) and (steam with recyl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:22
S72	262	steam near2 recyl\$4 with hydrocarbon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:23
S73	0	(recyl\$5 with heat near2 condensat\$4) with steam near2 reform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:23
S74	0	(recyl\$5 with heat near2 condensat\$4) with (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:23
S75	0	(recyl\$5 with heat near2 condensat\$4) same (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:23
S76	0	(recyl\$5 with heat near2 condensat\$4) same (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:24
S77	5	(recyl\$5 with heat with condensat\$4) same (steam near2 reform\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:24
S78	20	(strip\$4 near2 tower) with (condensat\$4 near3 (collect\$4 or recyl\$4 or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:24
S79	89	(external or export\$4 or purg\$4) near3 steam with recyl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:24
S80	3	(plate near3 frame with heat near3 exchang\$4) same hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/05/04 20:24
S81	1239	"423"/\$.ccls. and steam with combin\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2009/05/04 20:25
S82	1886	"423"/\$.ccls. and steam with combin\$5	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2009/05/04 20:25

**5/ 5/ 2009 10:30:16 AM**

**C:\ Documents and Settings\ pwartalowicz\ My Documents\ EAST\ Workspaces\ 10671555.  
wsp**